

The American Journal of the Medical Sciences. Edited by Isaac Hays, M.D. No. XVI. New Series. October, 1844. 8vo.—*From the Editor.*

The Medical News and Library. Vol. II. October, 1844. No. 22. 8vo.—*From Lea & Blanchard.*

Notes on Northern Africa, the Sahara and Soudan, in relation to the Ethnography, Languages, History, Political and Social Condition, of the Natives of those Countries. By William B. Hodgson, late Consul of the United States at the Regency of Tunis. New York, 1844. 8vo.—*From the Author.*

ADDITION TO THE LIBRARY BY PURCHASE.

Astronomische Nachrichten. Nos. 511, 512, 513. 4to.

Mr. Justice drew attention to some specimens of fish and of stalactites, obtained from the Mammoth Cave in Kentucky.

The Society proceeded to the consideration of the stated business of the evening—the balloting of candidates for membership in the Society; but it appearing that there were only fifteen qualified members present, the election could not be proceeded with.

Stated Meeting, Nov. 1.

Present, eighteen members.

Dr. PATTERSON, Vice-President, in the Chair.

Letters were announced and read:—

From the Corporation of the University of Cambridge, dated August 24, acknowledging the receipt of No. 30, of the Proceedings of this Society:—

From Mr. Wagner to Mr. Ord, dated York, England, September 30, 1844, giving some account of the early part of the meeting of the British Association in September last:—

From the Cincinnati Society, dated Philadelphia, October 23, 1844:—

From the Law Academy, dated Philadelphia, October 25, 1844:—and,

From the Academy of Natural Sciences, dated October 23, 1844, severally accepting the invitation of the Committee of the Society to attend the discourse by Dr. Dunglison, in commemoration of the late President.

The following donations were announced:—

FOR THE LIBRARY.

Annales des Mines, redigées par les Ingénieurs des Mines. Quatrième Série. Tome V. 1re Livraison, de 1844. 8vo.—*From the Engineers of Mines, Paris.*

Journal Asiatique. Quatrième Série. Tome III. No. 15. Juin, 1844. 8vo.—*From the Asiatic Society of Paris.*

Boletin Enciclopédico de la Sociedad Económica de Amigos del Pais. Agosto, 1844. Tomo 3o. 8vo.—*From the Society.*

Proceedings of the Academy of Natural Sciences of Philadelphia. Vol. II. No. 4. July and August, 1844. 8vo.—*From the Academy.*

The African Repository and Colonial Journal. Vol. XX. No. 10. October, 1844. 8vo.—*From the American Colonization Society.*

The American Journal of Science and Arts. Conducted by Professor Silliman and B. Silliman, Jr. Vol. XLVII. No. 2. October, 1844. 8vo.—*From the Editors.*

Calcutta Journal of Natural History: and Miscellany of the Arts and Sciences in India. Vol. IV. Calcutta, 1844. 8vo.—*From Dr. Dunglison.*

The Medical News and Library. Vol. II. November, 1844. No. 23. 8vo.—*From Lea & Blanchard.*

Descriptions of Malayan Plants. By William Jack. Arranged according to their Natural Families from the Malayan Miscellany. From the Calcutta Journal of Natural History, Vol IV. No. 13. 1843. 8vo.—*From the Editors of the Calcutta Journal.*

Der Tausend und Einen Nacht. Uebersetzt von Joseph von Hammer; und aus dem Französischen in's Deutsche von Aug. E. Zinserling. Vols. II. and III. Stuttgart, 1824. 8vo.—*From Dr. Dunglison.*

Anatomical Atlas, illustrative of the Structure of the Human Body. By Henry H. Smith, M.D. Under the supervision of William

E. Horner, M.D. Philadelphia, 1844. 8vo.—*From the Author.*

Report of the Commissioners appointed by the Secretary of the Navy to examine the several Plans of Floating Docks, submitted to the Department, September 10, 1842. 8vo.—*From Walter R. Johnson, Esq.*

Arguments of the Defendant's Counsel, and Judgment of the Supreme Court, U. S., in the Case of Vidal and another, *versus* the Mayor, &c., of Philadelphia, the Executors of Stephen Girard and others, Defendants and Appellees. January Term, 1844. Philadelphia, 1844. 8vo.—*From Thomas P. Cope, Esq.*

A Collection of Russian Poems; and a Russian Almanac, for 1832. 12mo.—*From the Executors of P. S. Du Ponceau.*

List of books bequeathed to the Society by its late President, Mr. Du Ponceau, and omitted in the catalogue of May 3d last.

Britain and America: a Collection of Pamphlets on the Public Affairs of the Two Nations. 3 Vols. 8vo.

Essai sur les Langues en Général; sur la Langue Française en particulier, et sa progression depuis Charlemagne jusqu'à present. Par M. Sablier. Paris, 1777. 8vo.

Essai Synthétique sur l'Origine et la Formation des Langues. Paris, 1774. 8vo. Anonymous. (L'Abbé Copineau.) Bound up with the above.

Den Gronlandste Ordbog, forbedret og forøget, udgivet ved Otho Fabricius. Copenhagen, 1804. 12mo.

Preces S. Niersis Clajensis Armeniorum Patriarchæ viginti quatuor Linguis Editæ. Venetiis, 1823. 12mo.

Key to the French Language: being a Complete Course of Study on a new Plan, with all the recent Improvements. By J. A. Weisse. Boston, 1842. 12mo.

A volume of French Pamphlets.

ADDITION TO THE LIBRARY BY PURCHASE.

Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Tome XIX. Nos. 5 to 9, inclusive. 30th July to 26th August, 1844. 4to.

Professor Frazer, from the Committee, consisting of himself, Professor A. D. Bache, and Mr. M'Euén, to whom was referred the second paper of Professor Locke on Magnetical Observations, reported in favour of its publication, which was ordered accordingly.

Professor Locke's paper contains a continuation of his observations upon the magnetic dip and intensity, made at different points in the United States during the year 1844, and includes thirty-five sets of observations made at twenty-four different stations. He then gives a series of thirteen observations made at three stations, viz: Fort Lee, N. Y., Snake Hill, and Patterson, N. J., intended to show the remarkable changes which take place both in the dip and intensity, in passing from rocks of the usual kind, to those belonging to the trappean family; which changes, so far as they regard the magnetic intensity, he announces in the following terms:—"The intensity, which ordinarily has a value along a line of moderate length not varying beyond certain moderate limits, becomes, at the base of a trappean pinnacle, extraordinarily diminished, and at the top of the same still more extraordinarily increased." These changes, as well as those of the dip which follow the same law, are illustrated by diagrams, in which the values of the dip and intensity are represented as the ordinates of a curve, the distances between the stations being taken upon the line of abscissas. Professor Locke believes these changes to be due to the assumption of magnetic properties by the trappean rocks, the axis of the magnet coinciding with the axis of figure of the hill, which is generally vertical.

Professor Locke strongly urges the propriety of multiplying observations upon these phenomena, in order to develop the general law; and concludes by returning his thanks to Col. Sabine and the British Association for the kindness and liberality with which they have tendered their assistance in his labours.

Professor Frazer, on the part of Mr. Haldeman, presented a communication, entitled "Observations on General Phonology and Alphabetic Notation, with an Attempt to adapt the Roman Alphabet to Exotic Languages, by S. S. Haldeman, A.M.," which, on motion, was referred to a Committee, consisting of Dr. Dunglison, Mr. Pickering, and Dr. Bethune.

Mr. Kane, on the part of the Committee of Arrangements, consisting of himself, Mr. Ord, and Dr. Patterson, made the

following report in regard to the discourse in commemoration of the late President, delivered by Dr. Dunglison:—

That pursuant to the notice heretofore communicated to the Society, the discourse in commemoration of our late President, Mr. Du Ponceau, was pronounced by Dr. Dunglison on the 25th of October, 1844, at the Musical Fund Hall. The Society was honoured on the occasion by the presence of the relatives of the deceased, and of numerous ladies, many of the reverend clergy, the members of the diplomatic corps, the State Society of the Cincinnati, and the officers of the army and navy in the city at the time; the officers of the several municipal corporations, the judges of the courts of the United States and State, the trustees and professors of the University and Colleges, the members of the different learned and literary societies, and a large number of citizens. The Committee herewith present the manuscript of the Discourse, and submit for the consideration of the Society the following resolutions:—

1. *Resolved*, That the Discourse pronounced by Dr. Dunglison in commemoration of the late President, Mr. Du Ponceau, be published under the directions of the Committee of Arrangements.

2. *Resolved*, That the Treasurer be, and he is hereby authorized to pay the several expenses incurred, and to be incurred, by the Committee, under the orders of the Society, provided the same shall not exceed the sum of two hundred dollars.

Both the above resolutions were agreed to by the Society.

Mr. Kane announced the death of Mr. Nathan Dunn, a member of the Society, who died at Vevay, in Switzerland, on the fifteenth of September; and, on motion, Dr. Emerson was appointed to deliver an obituary notice of the deceased.

Stated Meeting, November 15.

Present, twenty-five members.

Dr. BACHE, Vice-President, in the Chair.

A letter was read from the executive committee of the New York Historical Society, dated New York, October 28, 1844,